

Title (en)

METHOD AND APPARATUS FOR IMPROVING BAGGAGE SCREENING EXAMINATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBESSERUNG DER GEPÄCKDURCHLEUCHTUNGS-UNTERSUCHUNG

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER LE CONTROLE DES BAGAGES

Publication

EP 1685574 A4 20100804 (EN)

Application

EP 04821375 A 20040910

Priority

- US 2004029616 W 20040910
- US 50176703 P 20030910
- US 50174103 P 20030910
- US 2004024607 W 20040730

Abstract (en)

[origin: WO2005086616A2] A method and apparatus are disclosed for screening articles such as baggage, utilizing a computerized touch sensitive screen or other computerized pointing device for operator identification and electronic marking of objects within the article to be further examined. Baggage is electromagnetically (i.e., x-ray) scanned while traveling on a conveyer and an electronic image is taken of each article and stored in a computer. An operator positioned at a computerized touch sensitive screen views electronic images of the articles to be screened as they are conveyed past a sensor array which transmits sequences of images of the series either directly or through a computer to the touch sensitive display screen. The operator manually "touches" objects within the articles displayed on the screen to be identified on coupled interactive screens thereby registering the objects selected within the computer. The computer then provides sequential information identifying actions to be taken and information and data to be recorded. The system continually scans articles as they pass the scanning station and proceed for further processing, which ultimately may include being added to a vehicle as baggage or freight. The present system utilizes a plurality of visual display devices, each with an examiner, which are likely located remotely of the screening operation. Each examination continues independently of the scanning such that there is no interruption in the flow of articles should an examiner detect an object of interest an worthy of further examination, either by screen or by physical examination,

IPC 8 full level

G21K 1/12 (2006.01); **G01N 23/02** (2006.01); **G01V 5/00** (2006.01)

CPC (source: EP)

G01V 5/20 (2024.01)

Citation (search report)

- [XY] EP 0390950 A1 19901010 - HEIMANN GMBH [DE]
- [Y] DE 4240757 A1 19930624 - AMERICAN SCIENCE & ENG INC [US]
- See references of WO 2005086616A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005086616 A2 20050922; WO 2005086616 A3 20060323; EP 1685574 A2 20060802; EP 1685574 A4 20100804

DOCDB simple family (application)

US 2004029616 W 20040910; EP 04821375 A 20040910